

ABSTRACT OF THE DISCLOSURE

A single use needle-like probe contains optical fibers to deliver and collect light at the distal tip of the needle-like probe. The single use needle-like probe may connect to a handpiece that may contain sensors to monitor how the probe is being used. Sensors within the handpiece may, e.g., include a force sensor and a position sensor that detect the depth of the probe in tissue. The handpiece may be connected through a cable to a control unit that may include light sources, optical detectors, control electronics and one or more microprocessors to analyze the data collected.